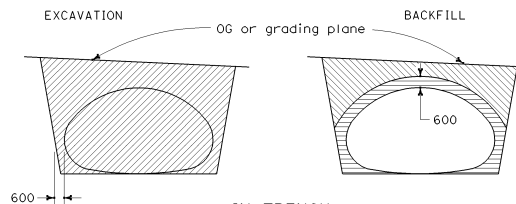
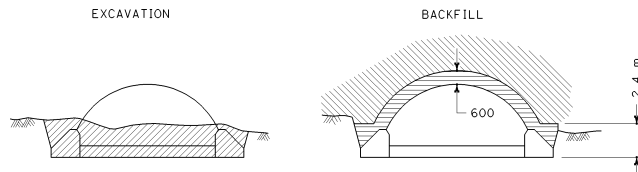
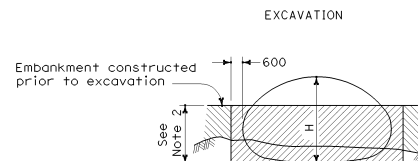
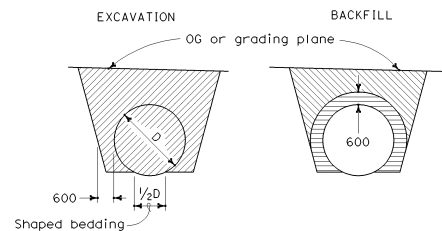
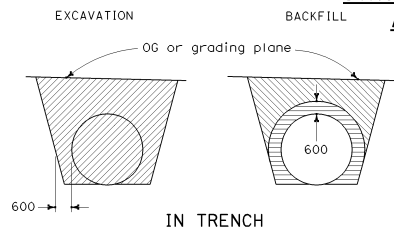
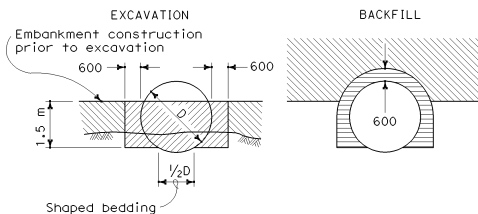
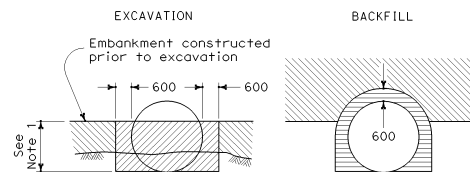
**IN TRENCH****IN TRENCH****IN EMBANKMENT**  
**STRUCTURAL STEEL PLATE ARCHES****IN EMBANKMENT**  
**STRUCTURAL STEEL PLATE PIPE ARCHES**  
**AND VEHICULAR UNDERCROSSING****IN TRENCH****IN TRENCH****IN EMBANKMENT**  
**PIPES**  
Larger than 2100 mm**IN EMBANKMENT**  
**METAL AND PLASTIC PIPES AND**  
**CORRUGATED METAL PIPE ARCHES**  
2100 mm or Smaller

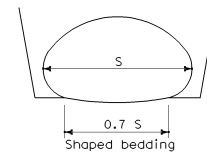
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET TOTAL NO. SHEETS

Registered Professional Engineer  
 No. C37765  
 Exp. 12-31-04  
 CIVIL  
 STATE OF CALIFORNIA

July 1, 2004  
 PLANS APPROVAL DATE

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**SHAPED BEDDING**  
S = Larger than 2100 mm**NOTES**

1. PIPES: 750 mm minimum for diameters up to and including 1050 mm then 2/3 diameter but no more than 1500 mm required. CORRUGATED METAL PIPE ARCHES: 750 mm maximum.
2. 2/3 H up to 1500 mm maximum.
3. Slope or shore excavation sides as necessary.
4. Backfill shall be placed full width of excavation except as noted.
5. Diagrams do not apply to overside drains.
6. Dimensions shown are minimum.
7. For strutting requirement of structural steel plate pipe, arches and vehicular undercrossing during construction, see Standard Plan D88A.

**LEGEND**

	Structure Excavation (Culvert)		Roadway Embankment
	Structure Backfill (Culvert)		Original ground
	95% Relative Compaction		

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**EXCAVATION AND BACKFILL**  
**METAL AND PLASTIC CULVERTS**

NO SCALE  
ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

**A62F**